

# Sounder

## WMSOU-xx-P01, WMSOU-xx-P02

- **ADM loop technology with System Sensor/200 protocol**
- **Can be activated with two different tone types, 32 tone types selectable**
- **Sound level selectable in three steps – up to 100db(A)**
- **Low power consumption**
- **Versions with or without integrated dual-isolator available**
- **Various base types available**



### Description

The loop powered multitone sounder is fitted into a round plastic case. It is powered and actuated as a module via the ADM loop with System Sensor/200 protocol.

The sounder can be activated by a Fire Detection Control Panel Series BC216 with two different tone types, depending on the parameter setup. One of 32 different tone type combinations can be selected with a DIL-switch. The following tones are available, for example:

- Continuous tone 660Hz,
- Emergency signal according to DIN 33404,
- Slow whoop tone according to NEN 2575,
- Alternating tone 800/970Hz, and many more.

The sound level can be selected in 3 steps. The address of the sounder is selected with two decadic rotary switches located at the bottom of the device.

The sounder is designed for indoor and outdoor wall mounting. For this purpose a special base is needed. Various base types for protection classes IP24, IP44 or IP65 are available, depending on the application. An optional mounting plate can be supplied for surface mounted cabling.

The sounder is available in two colours and two different versions: With or without integrated dual-isolator module.

### Specifications

Operating voltage	Supply through loop voltage
Sound level	typ. 82dB(A) at 1m distance (low) typ. 90dB(A) at 1m distance (medium) typ. 96dB(A) at 1m distance (high) max. 100dB(A) at 1m distance (high)
Ambient temperature	-25°C to +70°C
Dimensions $\varnothing \times H$	115 × 68 (mm) (incl. base LPBW)
Weight	204g



*Building Safety. Building Security.*



#### Loop sounder without isolator, red

Current consumption from loop	max. 450µA (sounder off) max. 2.5mA (low sound level) max. 4.4mA (medium sound level) max. 7.1mA (high sound level)
Approval	VdS G206072
Order number	355160
Order name	Sounder/WM/200/Red/Multitone/100dB WMSOU-RR-P01

#### Loop sounder with isolator, red

Current consumption from loop	max. 450µA (sounder off) max. 2.7mA (low sound level) max. 4.6mA (medium sound level) max. 7.3mA (high sound level)
Approval	VdS G206076
Order number	355161
Order name	Sounder/WM/200ISM/Red/Multitone/100dB WMSOU-RR-P02

#### Loop sounder without isolator, white

Current consumption from loop	max. 450µA (sounder off) max. 2.5mA (low sound level) max. 4.4mA (medium sound level) max. 7.1mA (high sound level)
Approval	VdS G206072
Order number	355168
Order name	Sounder/WM/200/White/Multitone/100dB WMSOU-WW-P01

#### Loop sounder with isolator, white

Current consumption from loop	max. 450µA (sounder off) max. 2.7mA (low sound level) max. 4.6mA (medium sound level) max. 7.3mA (high sound level)
Approval	VdS G206076
Order number	355169
Order name	Sounder/WM/200ISM/White/Multitone/100dB WMSOU-WW-P02

## Base and accessories

For wall mounting of the sounder, various base types with protection classes IP24, IP44 or IP65 are available in white and red.

For surface mounted cabling with base LPBW, an optional mounting plate can be supplied.



